

Title (en)

A DELIVERY APPARATUS FOR A SELF-EXPANDING STENT

Title (de)

EINFÜHRUNGSVORRICHTUNG FÜR SELBSTAUFDEHNBAREN STENT

Title (fr)

APPAREIL DE POSE DESTINE A UNE ENDOPROTHESE A EXPANSION AUTOMATIQUE

Publication

**EP 1434538 B1 20070801 (EN)**

Application

**EP 02732077 A 20020617**

Priority

- US 0219203 W 20020617
- US 88472801 A 20010619

Abstract (en)

[origin: WO02102284A2] A self-expanding stent delivery apparatus having a reinforced sheath for the safe, effective and accurate deployment of self-expanding stents. The sheath is formed from an inner polymeric layer, an outer polymeric layer and a reinforcement layer sandwiched therebetween. The reinforcement layer comprises flat metallic wire to provide the requisite radial and axial strength. In addition, flat wire reduces the profile of the device.

[origin: WO02102284A2] A self-expanding stent delivery apparatus (10) having a reinforced sheath (14) for the safe, effective and accurate deployment of self-expanding stents (100). The sheath (14) is formed from an inner polymeric layer (62), an outer polymeric layer (70) and a reinforcement layer (64) sandwiched therebetween. The reinforcement layer (64) comprises flat metallic wire to provide the requisite radial and axial strength. In addition, flat wire reduces the profile of the device.

IPC 8 full level

**A61F 2/06** (2006.01); **A61F 2/82** (2006.01); **A61F 2/84** (2006.01); **A61L 29/00** (2006.01); **A61M 25/12** (2006.01)

CPC (source: EP US)

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**WO 02102284 A2 20021227**; **WO 02102284 A3 20030904**; AT E368432 T1 20070815; CY 1106896 T1 20120926; DE 60221552 D1 20070913; DE 60221552 T2 20080417; DK 1434538 T3 20070924; EP 1434538 A2 20040707; EP 1434538 B1 20070801; ES 2290302 T3 20080216; PT 1434538 E 20070918; US 2002016597 A1 20020207

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